

ABSTRACT OF THE DISCLOSURE

A planetary gear reduction device with a torque limiter function includes a housing, an input shaft rotatably supported by one end of the housing and
5 connected to a power source so as to input a torque from the power source, an output shaft rotatably supported by the other end of the housing so as to output the torque from the power source, a reduction gear train provided between the input shaft and the output shaft and
10 constituted of a plurality of gears meshing with one another, and a torque limiting mechanism mounted in the reduction gear train. In this device, when an excessive torque is generated in the output shaft, torque transmission from the input shaft to the output shaft is
15 disconnected by the action of the torque limiting mechanism.